

- / Page 11, line 16, after "cross-sectional", insert --end--
- / Page 11, line 18, delete "cross section,", insert --an end view cross-section,--
- / Page 11, line 22, delete "is", insert --except for depth, could be--
- / Page 11, line 25, after "FIG. 3,", insert --in a side cross-sectional view,--
- / Page 11, line 32, delete "cross sectional", insert --cross-sectional end--
- / Page 12, line 1, delete "longitudinal-sectional", insert --cross-sectional side--
- / Page 12, line 3, before inlet, insert --water--
- / Page 12, line 3, before outlet, insert --air--
- / Page 12, line 11, after "element", insert --15--
- ✓ Page 12, line 12, at end of sentence, delete extra period "."
- ✓ Page 12, line 18, second occurrence, delete "use"

IN THE CLAIMS:

- / Claim 1, line 1, after object, insert comma --,--
- / Claim 1, line 1, delete "containing", insert --and including--
- / Claim 1, line 1, after cavity, delete comma ",",
- / Claim 1, line 5, delete "side", insert --immersed--
- / Claim 1, line 8, end of sentence, delete extra period "."
- / Claim 2, line 1, delete "entire"
- / Claim 2, line 3, after sides, insert --of the perimeter--
- / Claim 4, line 4, delete "displacment", insert --displacement--

Please add new claims 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19 as follows:

E1  
A1  
9. The device as defined in claim 1, wherein the said cavity is made to have walls that conform to a preexisting object.

E1  
10. The improvement as defined in claim 5, in which the cavity walls are made to generally conform in their shaping to the shaping of a preexisting object.

11. The device as defined in claim 1, in which the function of the device is to demonstrate a new principle of buoyancy.

12. The improvement as defined in claim 5, in which the the function of the improvement is to demonstrate a new principle of buoyancy.

13. The device as defined in claim 1, in which the function of the device is to visually demonstrate a new principle of buoyancy.

14. The improvement as defined in claim 5, in which the function of the improvement is to visually demonstrate a new principle of buoyancy.

A1  
E2  
15. In a combination made to generate buoyant force, the improved combination that permits the displacement of a volume of liquid to be less than the immersed volume of an object so that the buoyant force may exceed the weight of the displaced liquid, said combination comprising an immersible object, a liquid and a cavity adapted to contain both the liquid and object, said cavity having walls made to at least partially conform to the shaping of the immersible object and made to be closely spaced from the immersible object when it is placed in the cavity.

16. The combination as defined in claim 15, including a preexisting object wherein the cavity walls are made to generally conform in their shaping to the shaping of said preexisting object.